

Sybron Chemicals Incorporated

EPA ID Number: NJD002339406

Other (Former) Names of Site

None

Site Facts

The Sybron Chemicals Incorporated plant is located on Birmingham Road in Pemberton, in a semi-rural area of northwest Burlington County, New Jersey. The North Branch of Rancocas Creek flows through the middle of the property, with Sybron's wastewater treatment plant, offices and former open-pit mine on the northern bank and the production facilities on the southern bank. Land use in the vicinity of the site is primarily agricultural intermingled with a small amount of development.

The Sybron plant has been in operation since the early 1900s. Sybron produces ion-exchange resins for water treatment, emulsion polymers and formulated products for use in textile finishing, acrylic polymers for dental prostheses, toner polymers and floor waxes, and other specialty organic chemicals. Sybron is now a wholly-owned subsidiary of Bayer Corporation, and Bayer is responsible for environmental cleanup at the site.

Contamination

Contamination at the site resulted from chemical releases from various lagoons, tanks, storage areas, and dumping areas. Groundwater is contaminated with organic chemicals, including 1,2-dichloropropane and other lower concentration contaminants. Groundwater discharges to the adjacent surface water body, the North Branch of Rancocas Creek.

What Is Being Done

The property is being cleaned up under the New Jersey Department of Environmental Protection (NJDEP) Property Transfer Program. Thirty-five areas of concern were identified during investigations at the site. Twenty-eight areas of concern received no further action approval from NJDEP due to either:

- Evidence that no release had occurred,
- sampling results indicated soil contaminant levels were below applicable standards; or
- remediation (e.g., soil removal, capping) and post-remediation sampling indicated contaminant levels were below applicable standards.

What Remains To Be Done

The remaining areas of concern are being investigated or remediated by Sybron and/or awaiting no further action approval from NJDEP. A comprehensive groundwater and surface water monitoring program is being developed and implemented for the site.

Site Repository

Copies of supporting technical documents and correspondence cited in the site fact sheet are available for public review at the following location:

New Jersey Department of Environmental Protection
Division of Solid & Hazardous Waste
Records Center
401 E. State Street, 6th Floor
Trenton, NJ 08625
Telephone (609) 777-3373